

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL 03/00272

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01S3/0941 H01S3/042 H01S3/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, PAJ, WPI Data, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	WO 98 32197 A (LASER POWER CORP) 23 July 1998 (1998-07-23) page 1, paragraphs 1,2; page 8, paragraph 2 - page 9, paragraph 1; page 17, line 4 - page 21, line 16; page 29, line 5 - page 30, line 11; page 35, line 1 - page 36, line 8; figures 1,4,6 ---	1-9, 12-19 10,11
X Y	WO 00 64016 A (MILLER ROBERT JOHN DWAYNE ;WALKER DAVID RONALD (CA); LIAO YAN (CA)) 26 October 2000 (2000-10-26) page 6, line 14 - page 9, line 10; page 12, line 3 - line 11; figures 1,2A --- -/--	1,2,4,5, 9-12,17 10,11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

21 July 2003

Date of mailing of the international search report

05/08/2003

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Rec'd PCT/PTO 28 SEP 2004

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	LEBIUSH E ET AL: "High power high repetition rate diode side-pumped Q-switched Nd:YAG rod laser" OPTICS COMMUNICATIONS, NORTH-HOLLAND PUBLISHING CO. AMSTERDAM, NL, vol. 145, no. 1-6, 1998, pages 119-122, XP004102694 ISSN: 0030-4018 the whole document ---	8,14
A	PAYNE S A ET AL: "Diode arrays, crystals, and thermal management for solid-state lasers" IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, FEB. 1997, IEEE, USA, vol. 3, no. 1, pages 71-81, XP002248462 ISSN: 1077-260X page 77, right-hand column, paragraph 2 -page 78, right-hand column, paragraph 1; figure 14 ---	8,14
A	TSUNEKANE M ET AL: "REDUCTION OF THERMAL EFFECTS IN A DIODE-END-PUMPED, COMPOSITE ND: YAG ROD WITH A SAPPHIRE END" APPLIED OPTICS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 37, no. 15, 20 May 1998 (1998-05-20), pages 3290-3294, XP000765283 ISSN: 0003-6935 the whole document ---	1-19
A	WEBER R ET AL: "COOLING SCHEMES FOR LONGITUDINALLY DIODE LASER-PUMPED ND:YAG RODS" IEEE JOURNAL OF QUANTUM ELECTRONICS, IEEE INC. NEW YORK, US, vol. 34, no. 6, 1 June 1998 (1998-06-01), pages 1046-1053, XP000765507 ISSN: 0018-9197 the whole document -----	1-19

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Information on patent family members

International Application No

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